

# Safety data for zinc oxide

## Toxicity data

(The meaning of any abbreviations which appear in this section is given here.)

ORL-RAT LD<sub>50</sub> 630 mg kg<sup>-1</sup>

## Risk phrases

(The meaning of any risk phrases which appear in this section is given here.)

R20 R36 R37.

## Transport information

Glossary of terms on this data sheet

The information on this web page is provided to help you to work safely, but it is intended to be an overview of hazards, not a replacement for a full Material Safety Data Sheet (MSDS). MSDS forms can be downloaded from the web sites of many chemical suppliers.

## General

Synonyms: calamine (were you looking for "Calamine" as in "Calamine lotion", not zinc oxide? If so, click here), zinc white, flowers of zinc

Molecular formula: ZnO

CAS No: 1314-13-2

EC No:

## Physical data

Appearance: white powder

Melting point: 1975 C

Boiling point:

Vapour density:

Vapour pressure: negligible

Density (g cm<sup>-3</sup>): 5.67

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility: negligible

## Stability

Stable. Incompatible with magnesium, strong acids.

## Toxicology

Harmful if inhaled. Respiratory and eye irritant.